IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Projector
Manufacturer:	Eiki
Firmware Version:	N/A
Model(s):	LC-XB42N

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	5/11/2010	1.4.0	3.0.3	Initial version.

Driver Notes:

Control Commands & States:

Aspect Ratio	Normal Full	Wide (16:9)	True
Audio Mute	On	Off	
Auto Image	Execute		
Freeze	On	Off	
Input	Computer1 RGB Computer2 (YPbPr) Video	Computer1 DVI (PC) Computer2 RGB S-Video	Computer1 DVI (HDCP) Computer2 Scart
Power Control	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 63 in steps of 1		
Volume (Step)	Up	Down	

Status Available:

Aspect Ratio	Normal	Wide (16:9)	True
	Full		
Audio Mute	On	Off	
Connection Status	Connected	Disconnected	
Device Status	Standby after Cooling Down (Lamp Failure)	Cooling Down (Abnormal Temp)	Cooling Down (Lamp Failure)
	Power Fail	Power Save (Cooling Down)	Power Save
	Temp Warning and Recovered	Status Unavailable	Normal
Freeze	On	Off	
Input Status	Computer 1	Computer 2	Video
	Status Unavailable		
Lamp Usage	Hours		
Power Control	On	Off	
Power Status	On	Off	Cooling Down
	Warming Up	Status Unavailable	
Video Mute	On	Off	
Volume (Discrete)	0 to 63 in steps of 1		

MLC62 Supported Commands:

Aspect Ratio	Normal Full	Wide (16:9)	True
Audio Mute	On	Off	
Auto Image	Execute		
Freeze	On	Off	
Input	Computer1 RGB Computer2 (YPbPr) Video	Computer1 DVI (PC) Computer2 RGB S-Video	Computer1 DVI (HDCP) Computer2 Scart
Power Control	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 63 in steps of 1		
Volume (Step)	Up	Down	

Cable and Adapter Requirements:

F/F RS-232 straight serial cable

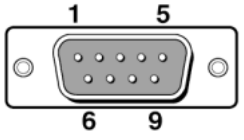
Use control adapter Mini 8 Pin DIN to DB9 Serial Cable that is supplied with projector.

Notes for the Device:

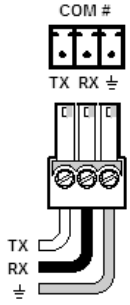
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	19200	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

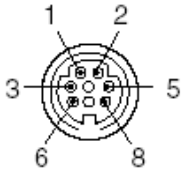
Pin Assignments Diagram:



RS232 DB9 Male IP Link® Device Interface



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	6	TxD
TxD	3	→	1	RxD
GND	5	—	4	GND



Mini 8 Pin DIN, Female Projector

Note: Captive screw connector may also be used as a serial connection.

General Notes: